PATENT
09/966,004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	:	Group Art Unit: 2192
Arnold J. Daks et al.	:	Examiner: E. B. Kiss
Serial No: 09/666,004	:	Confirmation No. 4835
Filed: 08/28/001	:	Customer No.32,329
Title: A COMPUTER CONTROLLED	:	
DISPLAY SYSTEM FOR TRACKING	:	
THE DEVELOPMENT OF SOFTWARE	:	
PRODUCTS HAVING A PLURALITY	:	
OF DEVELOPMENT LINES THROUGH	:	
THE MONITORING OF SEQUENCES	:	In re Final Rejection
OF CHECKPOINTS RESPECTIVELY	:	Mailed January 7, 2008
IN SAID LINES	:	
Date: 5/29/08	:	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TO PLACE APPLICATION IN CONDITION FOR APPEAL

Sir:

No fees are believed to be required. If, however, any fees are required, the Commissioner is authorized to charge any fees which may be required to IBM Corporation Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, such an extension is hereby requested, and the Commissioner is authorized to charge any fees for extension, or any other fees to the above deposit account.

This Amendment was intended to accompanying the Notice of Appeal filed herein on April 7, 2008. Inadvertently, it was not attached the Notice.

Please amend the claims to read as follows.

1. (previously amended) A computer controlled display system for tracking the development of software products having a plurality of developmental lines comprising:

means for setting in each of said plurality of developmental lines, a sequence of checkpoints;

means for tracking each of said developmental lines to determine the reached checkpoints; and

means for simultaneously displaying said plurality of developmental lines and indicating said reached checkpoints.

2. (original) The computer controlled display system of claim 1 further including:

means for modifying said developmental lines and said checkpoints; and

means for displaying said modifications.

3. (original) The computer controlled display system of claim 2 further including means for displaying at each of said checkpoints, a set of developmental attributes for said checkpoint.

4. (original) The computer controlled display system of claim 3 further including:

means for modifying said developmental attributes for each of said checkpoints; and

means for displaying said modifications at each of said checkpoints.

5. (original) The computer controlled display system of claim 3 wherein said developmental attributes include actions performed in said software product development.

6. (original) The computer controlled display system of claim 5 wherein said means for modifying said actions switch said actions to other of said developmental lines.

7. (original) The computer controlled display system of claim 2 wherein:

said means for tracking are remote from said means for displaying,

and said system further includes:

means for storing, in association with said means for displaying, the data tracked by said means for tracking; and

means for communicating the data tracked to said means for storing.

8. (previously amended) A method for tracking the development of software products having a plurality of developmental lines on a computer controlled display comprising:

setting in each of said plurality of developmental lines, a sequence of checkpoints;

tracking each of said developmental lines to determine the reached checkpoints; and

simultaneously displaying said plurality of developmental lines and indicating said reached checkpoints.

9. (original) The method for tracking of claim 8 further including the steps of:

modifying said developmental lines and said checkpoints; and

displaying said modifications.

10. (original) The method for tracking of claim 9 further including the step of displaying at each of said checkpoints, a set of developmental attributes for said checkpoint.

11. (original) The method for tracking of claim 10 further including the steps of:

modifying said developmental attributes of a plurality of said checkpoints; and

displaying said modifications at each of said modified checkpoints.

12. (original) The method for tracking of claim 10 wherein said developmental attributes include actions performed in said software product development.

13. (original) The method for tracking of claim 12 wherein said step of modifying said actions switches said actions to other of said developmental lines.

14. (original) The method for tracking of claim 9 wherein:

said step of tracking is carried out remote from said displaying step,

and further including the steps of:

storing, in association with said displaying step, the data tracked in said tracking step; and

communicating the data tracked to said storing step.

15-21 (cancelled).

22. (previously presented) A computer controlled display system for tracking the building of a program product from a functional implementation stage to a complete integrated program product comprising:

a plurality of developmental lines respectively corresponding to each of a plurality of program components to be integrated into said complete program product;

means for setting in each of said plurality of developmental lines, a sequence of checkpoints;

means for tracking each of said developmental lines to determine the reached checkpoints; and

means for simultaneously displaying said plurality of developmental lines and indicating said reached checkpoints.

23. (original) The computer controlled display system of claim 22 further including means for displaying at each of said checkpoints, a set of attributes for said checkpoint related to the compatibility functions of said checkpoint line.

24. (original) The computer controlled display system of claim 23 further including:

means for modifying said attributes for each of said checkpoints; and

means for displaying said modifications at each of said checkpoints.

25. (previously presented) A method for tracking, on a computer controlled display, the building of a program product from a functional implementation stage to a complete integrated program product comprising:

setting up a plurality of developmental lines respectively corresponding to each of a plurality of program components to be integrated into said complete program product;

setting up in each of said plurality of developmental lines, a sequence of checkpoints;

tracking each of said developmental lines to determine the reached checkpoints; and

simultaneously displaying said plurality of developmental lines and indicating said reached checkpoints.

26. (original) The method for tracking of claim 25 further including the step of displaying at each of said checkpoints, a set of attributes for said checkpoint related to the compatibility functions of said checkpoint line.

27. (original) The method for tracking of claim 26 further including the steps of:

modifying said attributes for each of said checkpoints; and

displaying said modifications at each of said checkpoints.

28-30 (cancelled).

31. (previously amended) A method for tracking the development of software products having a plurality of developmental lines on a computer controlled display comprising:

setting in each of said plurality of developmental lines, a sequence of checkpoints;

tracking each of said developmental lines to determine the reached checkpoints;

modifying said developmental lines and said checkpoints including the switching of an action required at the checkpoint to a checkpoint in another developmental line;

simultaneously displaying, remote from said tracking, said plurality of developmental lines indicating said reached checkpoints, and modifications to said developmental lines and said checkpoints;

storing, in association with said displaying step, the data tracked in said tracking step; and

communicating the data tracked to said storing step.

32. (currently amended) A ~~computer program comprising a~~ computer useable medium having stored thereon a computer readable program for tracking the development of software products having a plurality of developmental lines on a computer controlled display, wherein the computer readable program when executed on a computer causes the computer to:

set in each of said plurality of developmental lines, a sequence of checkpoints;

track each of said developmental lines to determine the reached checkpoints; and

simultaneously display said plurality of developmental lines and indicating said reached checkpoints.

33. (currently amended) The computer ~~program~~usable medium of claim 32 wherein said computer program when executed further causes the computer to:

modify said developmental lines and said checkpoints; and

displaying said modifications.

34. (currently amended) The computer ~~program~~usable medium of claim 33 wherein said computer program when executed further causes the computer to display, at each of said checkpoints, a set of developmental attributes for said checkpoint.

35. (currently amended) The computer ~~program~~usable medium of claim 34 wherein said computer program when executed further causes the computer to:

modify said developmental attributes of a plurality of said checkpoints; and

display said modifications at each of said modified checkpoints.

36. (currently amended) The computer ~~program~~usable medium of claim [[24]] 34 wherein said developmental attributes include actions performed in said software product development.

37. (currently amended) The computer ~~program~~usable medium of claim 36 wherein by said modifying said actions, the computer program causes the computer to switch said actions to an other of said developmental lines.

38. (currently amended) The computer ~~program~~usable medium of claim 33 wherein the computer program when executed, causes the computer to:

track developmental lines remote from said display;

store, tracked data, in association with said display; and

communicating the data tracked to be stored.

39. (currently amended) A ~~computer program comprising a~~ computer useable medium having stored thereon a computer readable program for tracking, on a computer controlled display, for the building of a program product from a functional implementation stage to a complete integrated program product, wherein the computer readable program when executed on a computer causes the computer to:

set up a plurality of developmental lines respectively corresponding to each of a plurality of program components to be integrated into said complete program product;

set up in each of said plurality of developmental lines, a sequence of checkpoints;

track each of said developmental lines to determine the reached checkpoints; and

simultaneously display said plurality of developmental lines and indicate said reached checkpoints.

40. (currently amended) The computer ~~program~~readable medium of claim 39 wherein said computer program when executed further causes the computer to display at each of said checkpoints, a set of attributes for said checkpoint related to the compatibility functions of said checkpoint line.

41. (currently amended) The computer ~~program~~readable medium of claim 40 wherein the computer program when executed further causes the computer to:

modify said attributes for each of said checkpoints; and

display said modifications at each of said checkpoints.

REMARKS

This amendment is intended to comply with recommendations of Examiner placing this Application in better condition for Appeal.

The amendment corrects the condition which led to the rejection of claims 32-41 under 35 USC 112, second paragraph in the Office Action of January 7, 2008. With respect to the term, "computer usable medium having stored thereon, a computer readable program", support in the Specification may be found from page 7, line 32 through page 8, line 5 with respect to Fig. 2 wherein the programs of this invention, Application Programs 40 are stored in the RAM storage medium during operation. The RAM storage medium is a computer usable medium on which the computer program is stored.

Accordingly, it is respectfully requested that this Amendment be entered for purpose of Appeal, and that the Rejection under 35 USC 112, second paragraph be withdrawn.

Respectfully submitted,

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